CLAIMS

1. Apparatus for cooking toast having a body with an outer casing made from metal material inside of which there is a plurality of radiating elements managed by a control device and arranged near to the cooking chamber the access to which is defined by one or more load openings in said outer casing made from metal material, characterised in that it comprises means for cooling the surfaces of said outer casing.

2. Apparatus for cooking toast according to claim 1, characterised in that said cooling means comprises at least one ventilation member suitable for generating a current of cool air which takes away heat from the metal walls.

3. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said ventilation member comprises a radial ventilator housed at the bottom of said body.

4. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said current of air is expelled towards the outside of said body through discharge openings.

5. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said current of air has a first flow of cool air sucked from said load openings and a second flow of hot air sucked from said cooking chamber.

6. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said first flow of

cool air passes mainly in perimetric ducts of said casing.

7. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said second flow of air passes mainly in said cooking chamber and mixes with said first flow of cool air at the bottom of said casing upstream of said radial ventilator.

8. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said control device is cooled constantly by said first flow of cool air.

9. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said first and second flow of air are substantially kept separate at least along the whole length of said casing.

10. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said radiating elements have a power density which decreases towards the base of said casing and increases towards said load openings.

11. Apparatus for cooking toast according to one or more of the previous claims, characterised in that it comprises shielding elements for said load openings to avoid the passage of radiation emitted by said radiating elements through them.

12. Apparatus for cooking toast according to one or more of the previous claims, characterised in that it comprises at least one closing element to create a preferential route for the cool air along the side walls.

13. Apparatus for cooking toast according to one or more of

the previous claims, characterised in that the speed of said radial ventilator is variable according to the temperature reached inside said cooking chamber.

14. Apparatus for cooking toast according to one or more of the previous claims, characterised in that it comprises a support arranged near to the outlet from said body of said current of air to heat one or more food product.

15. Apparatus for cooking toast according to one or more of the previous claims, characterised in that at the bottom of said casing there are openings for said current of air with the exception of a central zone where a crumb collection tray is housed.

16. Apparatus for cooking toast according to one or more of the previous claims, characterised in that the part of said body arranged at the bottom of said casing made from metal material is made from plastic material.

17. Apparatus for cooking toast according to one or more of the previous claims, characterised in that said part of said body arranged at the bottom of said casing has walls which lie over it.